

Miscellaneous letters, numbering thirteen, have been received, and, when necessary, have been answered.

The additions to the Museum will appear in the Curator's report. The donors have received prompt acknowledgment through the Curator-in-charge, who has kindly acted for me.

Respectfully submitted,

GEORGE H. HORN, M. D.,
Corresponding Secretary.

REPORT OF THE LIBRARIAN.

During the year ending November 30, 1885, 4100 additions have been made to the library of the Academy. This is an increase of 678 over the growth of last year, and of 1097 over that of 1883. The accessions have consisted of 986 volumes, 3047 pamphlets and parts of periodicals, and 67 maps.

They have been derived from the following sources :—

Societies,	2158	Thomas Meehan,	3
Editors,	793	John H. Redfield,	3
I. V. Williamson Fund,	574	Norwegian Government,	3
Authors,	266	Isaac Lea,	2
Department of the Interior,	35	Geological Survey of New Zealand,	2
Geological Survey of Michigan,	33	U. S. Civil Service Commission,	2
Wilson Fund,	25	W. P. Collins,	1
Treasury Department,	21	Mrs. J. Lawrence Smith,	1
Geological Survey of Russia,	19	Asa Gray,	1
Geological Survey of India,	16	Mrs. Emma Rogers,	1
Joseph Jeanes,	15	C. S. Sargent,	1
Geological Survey of Pennsylvania,	14	Bureau of Ethnology,	1
Geological Survey of Sweden,	14	Royal College of Surgeons,	1
Geological Survey of Canada,	14	Mining Registrars, Victoria,	1
University of the State of New York,	11	Navy Department,	1
Smithsonian Institution,	7	East Indian Government,	1
War Department,	7	Lea Bros. & Co.	1
Department of Agriculture,	7	U. S. Fish Commission,	1
Geo. W. Tryon, Jr.	7	Publishers,	1
Geological Survey of New Jersey,	6	Raffles Museum, Singapore,	1
California State Mining Bureau,	5	Geological Survey of Indiana,	1
H. B. M. Government,	5	Department of Mines, Nova Scotia,	1
Minister of Public Works in France,	4	Indian Museum,	1
Geological Survey of Minnesota,	4	Public Library, Cincinnati,	1
British Museum,	4	Minister of Works, Mexico,	1
		Geological Survey of Minnesota,	1
		Forestry Commission, New York,	1

These additions have been distributed to the several departments of the library as follows:—

Journals,	3225	Mineralogy,	13
Geology,	355	Education,	11
General Natural History,	110	Ichthyology,	8
Botany,	100	Agriculture,	7
Conchology,	71	Mammalogy,	5
Entomology,	37	Helminthology,	4
Physical Science,	23	Herpetology,	3
Anatomy and Physiology,	22	Chemistry,	3
Anthropology,	20	Encyclopedias,	3
Voyages and Travels,	19	General Literature,	2
Ornithology,	16	Medicine,	2
Bibliography,	16	Miscellaneous,	25

The year's improvement on the usual rate of increase has been mainly due to the generous response made by corresponding societies to our applications for exchanges and deficiencies. Our efforts to increase and perfect as far as possible the Academy's sets of scientific periodicals have been unremitting, with the gratifying result above noted. In compliance with our proposition made more than a year ago, many corresponding societies continue to send their publications promptly by mail when issued, instead of as formerly once or twice a year through the Bureau of Exchange. The publications of the Academy are, of course, sent in return by mail, and, although the cost of postage, amounting during the past year to \$117.59, is a matter of considerable importance in the present cramped financial condition of the society, the outlay is believed to be a most judicious one.

Among the more important additions to the special departments of the library acquired during the year have been complete sets, as far as published, of Barrande's *Système Silurien de la Bohême*, Reichenbach's *Icones Floræ Germanicæ*, and Godman and Salvin's *Biologia Centrali-Americana*. For these, as for nearly all the other important additions apart from our exchanges, we are indebted to the liberality of Mr. Isaiah V. Williamson.

The rapid increase of the library has rendered inadequate the hand catalogues of the special departments in use for many years. No matter how much space may be left for additions, it has been found impossible to preserve the unbroken alphabetical arrangement upon which their usefulness depends, while the transcripts from the cards involve an unnecessary expenditure of time and labor. A copy of the present card catalogue has therefore been commenced with the efficient assistance of Sig. Emanuele Fronani,

whose services I have been again enabled to avail myself of during the summer months. The entries have been made on cards of the best quality manufactured for the purpose by the American Library Bureau. They are perforated near the middle of the lower margin and will be held in their places in drawers or trays by rods, thus avoiding the possibility of accidental disarrangement. The chance of such an accident has made it inadvisable to open for general use the present catalogue, which is complete to date, as the cards are arranged in drawers without guards, and any confusion of the alphabetical arrangement would make it worse than useless.

A shelf catalogue has also been commenced. This consists of the briefest author and title entries of the books as they are at present numbered and placed in the cases. This will be a necessity of library administration when the card catalogue is alone in use for reference, as without it a great expenditure of time would be necessary to determine what books may be lost or misplaced.

I regret to say that for the same reason as that noted last year—lack of means—no books have been bound since my last report. The necessity for binding some of our accumulations has, however, become so great that during the coming year a portion of the income of the I. V. Williamson Fund will be appropriated for the binding of books credited to said fund.

A detailed list of accessions is herewith submitted.

EDW. J. NOLAN,
Librarian.

REPORT OF THE CURATORS.

The Curators present the following statement from the Curator-in-charge, Prof. Angelo Heilprin, as their report for the year ending November 30:

During the past year, as in preceding years, much of the work accomplished in the Museum has been voluntary—this more especially in the departments of Conchology and Botany, to the special conservators of which the Academy feels itself under lasting obligation. A similar obligation attaches to the labors of the conservator of the Mineralogical department covered by the Wm. S. Vaux trust, a special report pertaining to which has